# EAST Search History

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|---|---|---|---|---|---|---|
| L25 | 2 | "6481905".pn. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | AND | OFF | 2006/08/15 10:36 |
| L26 | 1 | "6481905".pn. and current and DC and motor | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | AND | OFF | 2006/08/15 10:36 |
| S1 | 686 | 347/19.ccls. and (scan or scanning or transverse or transversely) and (count or counting or monitor or detect) and (buffer or buffering or RAM or memory) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | AND | OFF | 2005/08/30 08:42 |
| S2 | 161 | 347/19.ccls. and (scan or scanning or transverse or transversely) and (count or counting or monitor or detect) and (buffer or buffering or store or storing) and (ROM or RAM or memory) and (speed or accelerate or acceleration or velocity) and counting | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | AND | OFF | 2005/08/11 13:56 |
| S3 | 34 | 347/19.ccls. and (scan or scanning or transverse or transversely) and (count or counting or monitor or detect) and (buffer or buffering or store or storing) and (ROM or RAM or memory) and ( accelerate or acceleration or increase adj velocity) and counting | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | AND | OFF | 2005/08/11 11:14 |
| S4 | 8 | 347/19.ccls. and (scan or scanning or transverse or transversely) and (count or counting or monitor or detect) and (buffer or buffering or store or storing) and (ROM or RAM or memory) and ( accelerate or acceleration or increase adj velocity) and counting and DC adj motor | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | AND | OFF | 2005/08/11 11:18 |

| S5 | 8 | 347/19.ccls. and (scan or scanning or transverse or transversely) and (count or counting or monitor or detect) and (buffer or buffering or store or storing) and (ROM or RAM or memory) and ( accelerate or acceleration or increase adj velocity) and counting and DC adj motor and power | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | AND | OFF | 2005/08/11 11:23 |
|-----|-----|-----|-----|-----|-----|-----|
| S6 | 9 | 347/19.ccls. and (scan or scanning or transverse or transversely) AC adj Power and battery | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | AND | OFF | 2005/08/11 11:24 |
| S7 | 2 | 347/19.ccls. and (scan or scanning or transverse or transversely) AC adj Power near battery | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | AND | OFF | 2005/08/11 12:08 |
| S8 | 3 | 347/19.ccls. and (scan or scanning or transverse or transversely) AC adj Power near$5 battery | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | AND | OFF | 2005/08/11 12:08 |
| S9 | 4 | 347/19.ccls. and (scan or scanning or transverse or transversely) AC adj Power same battery | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | AND | OFF | 2005/08/11 12:10 |
| S10 | 8 | 347/19.ccls. and AC adj Power same battery | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | AND | OFF | 2005/08/11 12:10 |
| S11 | 240 | 347/19.ccls. and (scan or scanning or transverse or transversely) and (count or counting or monitor or detect) and (buffer or buffering or store or storing) and (ROM or RAM or memory) and (speed or accelerate or acceleration or velocity) and (counting or counter) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | AND | OFF | 2005/08/11 13:58 |

| S12 | 188 | 347/19.ccls. and (scan or scanning or transverse or transversely) and (count or counting or monitor or detect) and (buffer or buffering or store or storing) and (ROM or RAM or memory) and (speed or accelerate or acceleration or velocity) and ( counter) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | AND | OFF | 2005/08/11 13:58 |
|-----|-----|------|------|-----|-----|-----|
| S13 | 3 | 347/19.ccls. and (scan or scanning or transverse or transversely) and (count or counting or monitor or detect) and (buffer or buffering or store or storing) and (ROM or RAM or memory) and (speed or accelerate or acceleration or velocity) and (counter) and (change near threshold) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | AND | OFF | 2005/08/11 14:03 |
| S14 | 4 | 347/19.ccls. and (counter) and (change near threshold) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | AND | OFF | 2005/08/11 14:03 |
| S15 | 5 | 347/19.ccls. and (counter) and (change or alter or increase) near (boundary or threshold) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | AND | OFF | 2005/08/11 14:17 |
| S16 | 41 | 347/19.ccls. and (counter) and (change or alter or decrease or increase) near (boundary or threshold or value) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | AND | OFF | 2005/08/11 14:19 |
| S17 | 166 | 347/19.ccls. and (counter) and (change or alter or decrease or increase) same (boundary or threshold or value) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | AND | OFF | 2005/08/11 14:17 |
| S18 | 29 | 347/19.ccls. and (counter) same (change or alter or decrease or increase) same (boundary or threshold or value) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | AND | OFF | 2005/08/11 14:35 |

| S19 | 472 | 347/19.ccls. and threshold | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | AND | OFF | 2005/08/11 14:36 |
|-----|-----|----------------------------|--------------|-----|-----|------------------|
| S20 | 27 | 347/19.ccls. and threshold same counter | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | AND | OFF | 2005/08/11 14:50 |
| S21 | 5 | 347/19.ccls. and (DC near$5 current) and sum and (equal or less) and (capacity near$9 power near$5 source) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | AND | OFF | 2005/08/11 15:04 |
| S22 | 0 | 347/19.ccls. and (DC near$5 current) same sum same (equal or less) same (capacity near$9 power near$5 source) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | AND | OFF | 2005/08/11 14:52 |
| S25 | 2715 | "4313124", "4345262", "4463359", "4723129", "470796" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/08/12 07:26 |
| S26 | 1823 | "4313124" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/08/12 07:26 |
| S27 | 1873 | "4345262" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/08/12 07:28 |
| S28 | 2045 | "4463359" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/08/12 07:30 |

# EAST Search History

| S29 | 145 | "4463359" "1988" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | AND | OFF | 2005/08/12 07:33 |
|-----|-----|-------------------|-----------------------------------------------------|-----|-----|-------------------|
| S30 | 2327 | "4723129" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | AND | OFF | 2005/08/12 07:31 |
| S31 | 1746 | "4723129" Endo | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | AND | OFF | 2005/08/12 07:31 |
| S32 | 1470 | "4740796" Endo | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | AND | OFF | 2005/08/12 07:31 |
| S33 | 1542 | "4463359" ayata | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | AND | OFF | 2005/08/12 07:33 |
| S34 | 101 | 347/19.ccls. capacity near$10 power near$8 current near$9 (greater or larger or equal or less or smaller or lower or higher or low or high) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | AND | OFF | 2005/08/12 07:52 |
| S35 | 25 | 347/19.ccls. capacity near$10 power near$8 current near (greater or larger or equal or less or smaller or lower or higher or low or high) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | AND | OFF | 2005/08/12 07:53 |
| S36 | 3 | 347/19.ccls. capacity same power same current same (greater or larger or equal or less or smaller or lower or higher or low or high) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | AND | OFF | 2005/08/12 07:55 |

| S37 | 120 | 347/19.ccls. power same current same (greater or larger or equal or less or smaller or lower or higher or low or high) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | AND | OFF | 2005/08/12 07:57 |
|-----|-----|---|---|---|---|---|
| S38 | 11 | 347/19.ccls. power same current same capacity | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | AND | OFF | 2005/08/12 07:57 |
| S39 | 0 | ("6896345").URPN. | USPAT | AND | OFF | 2005/08/19 10:38 |
| S40 | 18 | ("20020191068" \| "4313124" \| "4345262" \| "4459600" \| "4463359" \| "4558333" \| "4608577" \| "4723129" \| "4740796" \| "5412483" \| "5436863" \| "5751327" \| "5838888" \| "5914731" \| "5923344" \| "6036297" \| "6097499" \| "6120129").PN. OR ("6896345"). URPN. | US-PGPUB; USPAT; USOCR | AND | OFF | 2005/08/19 10:44 |
| S41 | 78 | 347/19.ccls. and acceleration same (print or printing or carriage or scan or scanning) | US-PGPUB; USPAT; USOCR | AND | OFF | 2005/08/19 11:15 |
| S42 | 41 | 347/19.ccls. and acceleration same print | US-PGPUB; USPAT; USOCR | AND | OFF | 2005/08/19 11:20 |
| S43 | 51 | 347/19.ccls. and (acceleration or ramp) same print | US-PGPUB; USPAT; USOCR | AND | OFF | 2005/08/19 11:37 |
| S44 | 59 | 347/19.ccls. and (acceleration or accelerate or accelerates or ramp) same print | US-PGPUB; USPAT; USOCR | AND | OFF | 2005/08/19 13:33 |
| S45 | 885 | 347/19.ccls. and control change nozzle number | US-PGPUB; USPAT; USOCR | AND | ON | 2005/08/19 13:35 |
| S46 | 632 | 347/19.ccls. and control change nozzle number | US-PGPUB; USPAT; USOCR | AND | OFF | 2005/08/19 13:35 |
| S47 | 107 | 347/19.ccls. and control change same nozzle same number | US-PGPUB; USPAT; USOCR | AND | ON | 2005/08/19 13:36 |

| S48 | 560 | 347/19.ccls. and (scan or scanning or transverse or transversely) and (count or counting or counts or add or adding or adds or tracks or sum or sums) and (buffer or buffering or RAM or memory) and (compare or comparing or comparison or detect or differences or threshold) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | AND | OFF | 2005/08/30 08:43 |
|-----|-----|-----|-----|-----|-----|-----|
| S49 | 388 | 347/19.ccls. and (scan or scanning or transverse or transversely) and (count or counting or counts or add or adding or adds or tracks or sum or sums) and (buffer or buffering or RAM or memory) and (compare or comparing or comparison) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | AND | OFF | 2005/08/30 08:44 |
| S50 | 384 | 347/19.ccls. and (scan or scanning or transverse or transversely) and (count or counting or counts or add or adding or adds or sum or sums) and (buffer or buffering or RAM or memory) and (compare or comparing or comparison) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | AND | OFF | 2005/08/30 08:52 |
| S51 | 226 | 347/19.ccls. and (scan or scanning or transverse or transversely) and (count or counting or counts or add or adding or adds or sum or sums) and (buffer or buffering or RAM or memory) and threshold | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | AND | OFF | 2005/08/30 08:53 |
| S52 | 27 | 347/19.ccls. and (scan or scanning or transverse or transversely) and (count or counting or counts or add or adding or adds or sum or sums) and (buffer or buffering or RAM or memory) and threshold and power near3 consumption | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | AND | OFF | 2005/08/30 08:56 |
| S53 | 1 | 347/19.ccls. and (scan or scanning or transverse or transversely) and (count or counting or counts or add or adding or adds or sum or sums) same (power near consumption) and threshold | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | AND | OFF | 2005/08/30 08:57 |
| S54 | 109 | 347/19.ccls. and (scan or scanning or transverse or transversely) and (count or counting or counts or add or adding or adds or sum or sums) same (data or power near consumption) and threshold | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | AND | OFF | 2005/08/30 09:13 |

# EAST Search History

| | | | | | | |
|---|---|---|---|---|---|---|
| S55 | 3 | 347/19.ccls. and (scan or scanning or transverse or transversely) and (count or counting or counts or add or adding or adds or sum or sums) same data same ((energy or power) near3 (consume or consumption) or motor) and threshold | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | AND | OFF | 2005/09/01 11:25 |
| S56 | 137 | 347/19.ccls. and (scan or scanning or transverse or transversely) and (control or controlling or controller) and (number or amount or less or greater or change or differ) near (nozzle or printing adj element or nozzles) and (change or differ or alter) and threshold | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | AND | OFF | 2005/08/30 09:51 |
| S57 | 184 | 347/19.ccls. and (scan or scanning or transverse or transversely) and (control or controlling or controller) and (number or amount or less or greater or change or differ) same (nozzle or printing adj element or nozzles) and (change or differ or alter) and threshold | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | AND | OFF | 2005/08/30 09:22 |
| S58 | 2 | "6761426" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | AND | OFF | 2005/09/01 11:25 |
| S59 | 0 | 347/19.ccls. and controlling adj device near selects near normal adj nozzles | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | AND | OFF | 2005/09/01 11:26 |
| S60 | 2 | 347/19.ccls. and controlling adj device same normal adj nozzles | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | AND | OFF | 2005/09/01 11:45 |
| S61 | 2 | "20030095161" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | AND | OFF | 2005/09/01 13:40 |

| S62 | 2 | "20010055042" | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND | OFF | 2005/09/01 13:40 |
|-----|-----|-----|-----|-----|-----|-----|
| S63 | 6 | ("20030095161" "6761426"<br>"20020060707").pn. | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/01/20 10:44 |
| S64 | 2 | "6896345" | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/01/20 10:45 |
| S65 | 2 | "20020060707" | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND | OFF | 2006/01/27 11:52 |
| S66 | 2 | "6761426" | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND | OFF | 2006/01/27 11:52 |
| S67 | 2 | "20030095161" | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND | OFF | 2006/01/27 11:55 |
| S68 | 0 | ("20030095161" "6761426"<br>"20020060707" "6719122"<br>"5617122" "5690437"<br>"20010055042").pn. | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND | OFF | 2006/01/27 11:56 |
| S69 | 14 | ("20030095161" "6761426"<br>"20020060707" "6719122"<br>"5617122" "5690437"<br>"20010055042").pn. | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/01/27 11:56 |

| S70 | 0 | ("20030095161" "6761426" "20020060707" "6719122" "5617122" "5690437" "20010055042").pn. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | AND | OFF | 2006/02/03 07:54 |
|-----|------|---------------------------------------------------|------------------------------------------------------|-----|-----|-------------------|
| S71 | 14 | ("20030095161" "6761426" "20020060707" "6719122" "5617122" "5690437" "20010055042").pn. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/02/03 10:45 |
| S72 | 3 | ("20030095161" "6761426" "20020060707" "6719122" "5617122" "5690437" "20010055042").pn. and (drive or driving or driven or drives) same (sum or add or sums or addition or count or counting) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/02/03 10:23 |
| S73 | 2935 | 347/19 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/02/03 10:45 |
| S74 | 1361587 | (scan$2 or scanning or reciprocal$2 or travers$4) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | AND | OFF | 2006/02/03 10:47 |
| S75 | 4143019 | (buffer or store or storing or stores or stored or memory) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | AND | OFF | 2006/02/03 10:47 |
| S76 | 4899527 | (counting or counter or counts or counted or adding or adds or added or add or sum or summation or sums) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | AND | OFF | 2006/02/03 10:48 |
| S77 | 4487592 | (comparing or comparison or compares or compare or threshold or predetermined or thresholds) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | AND | OFF | 2006/02/03 10:51 |

# EAST Search History

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|---|---|---|---|---|---|---|
| S78 | 271110 | S74 S75 S76 S77 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | AND | OFF | 2006/02/03 11:01 |
| S79 | 1160 | S74 S75 S76 S77 S73 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | AND | OFF | 2006/02/03 11:03 |
| S80 | 360 | S74 S75 S76 with S77 S73 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | AND | OFF | 2006/02/03 11:50 |
| S81 | 7 | S74 S75 S76 with S77 S73 and DC with motor and electric with power | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | AND | OFF | 2006/02/03 12:48 |
| S82 | 20 | S74 S75 S76 with S77 S73 and DC with motor and electric | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | AND | OFF | 2006/02/03 12:49 |
| S83 | 3219656 | nozzle$1 or print near1 element$1 or head$1 or orifice$1 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | AND | OFF | 2006/02/03 12:48 |
| S84 | 322 | S74 S75 S76 with S77 S83 and DC with motor and electric | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | AND | OFF | 2006/02/03 12:50 |
| S85 | 127 | S74 S75 S76 with S77 S83 and DC with motor and electric with motor | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | AND | OFF | 2006/02/03 12:50 |

| S86 | 12 | ("20030095161" "6761426" "20020060707" "569437" "5617122").pn. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/02/18 10:46 |
|---|---|---|---|---|---|---|
| S87 | 10 | ("20030095161" "6761426" "20020060707" "5690437" "5617122").pn. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/02/18 10:47 |
| S88 | 7339 | (print$3 or eject$3 with (acclerat$3)) and (buffer or memory or storage) with (count$3 or tally$3 or add$3 or addition) same (threshold$1 or compar$4) same (control$4 or element$1 or eject$3) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | AND | OFF | 2006/03/09 15:23 |
| S89 | 51 | (print$3 or eject$3 with (acclerat$3)) and (buffer or memory or storage) with (count$3 or tally$3 or add$3 or addition) same (threshold$1 or compar$4) same (control$4 or element$1 or eject$3) and (motor with DC or (direct adj current)) and (power with electric) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | AND | OFF | 2006/03/09 15:23 |
| S90 | 7 | (print$3 or eject$3 with (acclerat$3)) and (buffer or memory or storage) with (count$3 or tally$3 or add$3 or addition) same (threshold$1 or compar$4) same (control$4 or element$1 or eject$3) and (motor with DC or (direct adj current)) and (power with electric) and (reciprocal or back or backward) with (scan$4) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | AND | OFF | 2006/03/09 15:24 |
| S91 | 0 | (print$3 or eject$3 with (acclerat$3)) and (buffer or memory or storage) with (count$3 or tally$3 or add$3 or addition) same (threshold$1 or compar$4) same (control$4 or element$1 or eject$3) and (motor with DC or (direct adj current)) and (power with electric) and (reciprocal or back or backward) with (scan$4) and ink$jet$4 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | AND | OFF | 2006/03/09 15:28 |

| S92 | 1 | (print$3 or eject$3 with (acclerat$3)) and (buffer or memory or storage) with (count$3 or tally$3 or add$3 or addition) same (threshold$1 or compar$4) same (control$4 or element$1 or eject$3) and (motor with DC or (direct adj current)) and (power with electric) and ink$jet$4 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | AND | OFF | 2006/03/09 15:28 |
|------|------|------|------|------|------|------|
| S93 | 18 | (print$3 or eject$3 with (acclerat$3)) and (buffer or memory or storage) with (count$3 or tally$3 or add$3 or addition) same (threshold$1 or compar$4) same (control$4 or element$1 or eject$3) and (motor with DC or (direct adj current)) and (power with electric) and printer | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | AND | OFF | 2006/03/09 15:28 |
| S94 | 6 | (print$3 or eject$3 with (acclerat$3)) and (buffer or memory or storage) with (count$3 or tally$3 or add$3 or addition) same (threshold$1 or compar$4) same (control$4 or element$1 or eject$3) and (motor with DC or (direct adj current)) and (power with electric) and (reciprocal or back or backward) with (scan$4) and printer | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | AND | OFF | 2006/03/11 10:13 |
| S95 | 2 | "20030035030".pn. and (change with (ejector or nozzle)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2006/03/11 10:29 |
| S96 | 2 | "20030035030".pn. and ((chang$3 or determin$3) with (ejector or nozzle)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2006/03/11 10:31 |
| S97 | 1 | (print$3 or eject$3) with (during or while) with (accelerat$3) and (change with (nozzle or ejector or orifice)) and (motor with DC) and (power with electric) and "347"/$3 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2006/03/11 10:33 |

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| S98 | 1 | (print$3 or eject$3) with (during or while) with (accelerat$3) and ((chang$3 or alter$3 or determin$3) with (nozzle or ejector or orifice)) and (motor with DC) and (power with electric) and "347"/$3 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2006/03/11 10:33 |
| S99 | 22 | ((chang$3 or alter$3 or determin$3) with (nozzle or ejector or orifice)) and (motor with DC) and (power with electric) and "347"/$3 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2006/03/11 10:36 |
| S10 0 | 10 | ((chang$3 or alter$3 or determin$3) with (nozzle or ejector or orifice)) and ((DC or Direct adj current) near motor) and (power with electric) and "347"/$3 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2006/03/11 10:39 |
| S10 1 | 10 | ((chang$3 or alter$3 or determin$3 or select$3) with (nozzle or ejector or orifice)) and ((DC or Direct adj current) near motor) and (power with electric) and "347"/$3 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2006/03/11 10:40 |
| S10 2 | 27 | ((chang$3 or alter$3 or determin$3 or select$3) with (nozzle or ejector or orifice or element)) and ((DC or Direct adj current) near motor) and (power with electric) and "347"/$3 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2006/03/11 10:43 |
| S10 3 | 2 | "20030095161" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2006/03/11 10:44 |
| S10 4 | 1 | "20030095161" and (nozzle) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2006/03/11 11:06 |
| S10 5 | 2 | "09226185" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2006/03/11 11:14 |
| S10 6 | 1 | 1997-485344.NRAN. | DERWENT | AND | OFF | 2006/03/11 11:06 |

# EAST Search History

| S10 7 | 13 | (print$3 or eject$3) with (during or while) with (accelerat$3 or decelerat$3) and (DC near motor) and (electric or electrical) near power | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2006/03/11 11:15 |
|---|---|---|---|---|---|---|
| S10 8 | 9 | (print$3 or eject$3) with (during or while) with (accelerat$3 or decelerat$3) and (DC near motor) and (electric or electrical) near power and "347"/$3 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2006/03/11 11:25 |
| S10 9 | 8 | "5690437" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2006/03/11 11:27 |
| S11 0 | 2 | "6481905" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2006/03/11 11:28 |
| S11 1 | 1 | "6481905" and accelerat$3 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2006/03/11 12:43 |
| S11 2 | 1 | "6481905" and accelerat$3 and motor | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2006/03/11 11:30 |
| S11 3 | 1 | "6481905" and accelerat$3 and motor and (driv$3 with signal) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2006/03/11 11:47 |
| S11 4 | 1 | "20030067507" and (addition or add$3 or summation or summing) and (compar$4 or threshold) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2006/03/11 12:03 |

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|---|---|---|---|---|---|---|
| S11 5 | 0 | "20030067507" and (addition or add$3 or summation or summing) and (compar$4 or threshold) and (heat$3 with count$3) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2006/03/11 12:04 |
| S11 6 | 1 | "20030067507" and (addition or add$3 or summation or summing) and (compar$4 or threshold) and ((heat$3 or motor or energy) with count$3) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2006/03/11 12:09 |
| S11 7 | 1 | 10/706941 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2006/03/11 12:09 |
| S11 8 | 6 | "6264731" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2006/03/11 12:43 |
| S11 9 | 1 | "347"/$3 and (DC near motor) same (sum with current with capacity with power) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/08/14 13:43 |
| S12 0 | 2 | "5690437".pn. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/08/14 13:43 |
| S12 1 | 0 | 347//$3 and battery | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/08/14 13:43 |
| S12 2 | 1897 | "347"/$3 and battery | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/08/14 13:44 |

# EAST Search History

| S12 3 | 1845 | S122 not ((battery adj2 (memory rom ram))) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/08/14 13:44 |
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| S12 4 | 4788 | ((347/9,14,37,19)).CCLS. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/08/14 13:45 |
| S12 5 | 205 | S123 and S124 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | AND | OFF | 2006/08/14 13:46 |
| S12 6 | 20 | S125 and (AC same battery) same control$4 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | AND | OFF | 2006/08/14 13:49 |
| S12 7 | 17 | S125 and (AC same battery same power) same control$4 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | AND | OFF | 2006/08/14 13:50 |
| S12 8 | 0 | 569*0437 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | AND | OFF | 2006/08/14 13:50 |
| S12 9 | 2 | "5690437".pn. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | AND | OFF | 2006/08/15 10:23 |